

Title (en)
AUTOMATIC TRANSMISSION OF A MOTOR VEHICLE WITH ELECTRICAL PLUG-IN CONNECTION

Title (de)
AUTOMATIKGETRIEBE EINES KRAFTFAHRZEUGES MIT ELEKTRISCHER STECKVERBINDUNG

Title (fr)
BOITE AUTOMATIQUE D'UN VEHICULE AVEC CONNEXION A FICHE ELECTRIQUE

Publication
EP 1230500 A1 20020814 (DE)

Application
EP 00974528 A 20001114

Priority
• DE 19955437 A 19991118
• EP 0011211 W 20001114

Abstract (en)
[origin: WO0136847A1] The invention relates to an electrical plug-in connection of an automatic transmission of a motor vehicle that transmits the signals required for controlling an electrohydraulic control device (10, 20) that are received from a signal source located outside the transmission to said electrohydraulic control device (10, 20). The inventive electrical plug-in connection comprises a socket (6, 16) and a plug part engaging in said socket. The socket (6, 16) is inserted in the oil sump (1, 11) of the transmission. When said oil sump (1, 11) and the transmission housing are assembled, an electrical contact is automatically made via a connection (8, 18) and when they are disassembled, said electrical contact is automatically disrupted.

IPC 1-7
F16H 61/00; **H05K 7/00**

IPC 8 full level
F16H 61/00 (2006.01); **H01R 24/16** (2006.01); **H01R 24/76** (2011.01); **H05K 5/00** (2006.01); **H05K 7/00** (2006.01)

CPC (source: EP KR US)
F16H 61/0009 (2013.01 - EP KR US); **H05K 5/0069** (2013.01 - EP KR US); **H05K 5/0082** (2013.01 - EP KR US);
Y10T 74/2186 (2015.01 - EP US); **Y10T 74/2188** (2015.01 - EP US)

Citation (search report)
See references of WO 0136847A1

Cited by
DE102007044394B4

Designated contracting state (EPC)
DE FR SE

DOCDB simple family (publication)
WO 0136847 A1 20010525; DE 19955437 A1 20010523; DE 50005103 D1 20040226; EP 1230500 A1 20020814; EP 1230500 B1 20040121;
JP 2003520336 A 20030702; JP 4647170 B2 20110309; KR 100685066 B1 20070222; KR 20020070283 A 20020905; US 6679137 B1 20040120

DOCDB simple family (application)
EP 0011211 W 20001114; DE 19955437 A 19991118; DE 50005103 T 20001114; EP 00974528 A 20001114; JP 2001538700 A 20001114;
KR 20027006361 A 20020517; US 12990302 A 20020509